

JC967 U.S. PTO  
05/30/01Please type a plus sign (+) inside this box - 

05-31-01

09870144 053001  
for use through 10/31/2002. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 017575.0680

First Inventor Sevick-Muraca et al.

Title Imaging of Light Scattering Tissues with Fluorescent Contrast Agents

Express Mail Label No. EL483884271US

<b>APPLICATION ELEMENTS</b>		ADDRESS TO:
See MPEP chapter 600 concerning utility patent application contents.		Commissioner for Patents Box Patent Application Washington, D.C. 20231
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Page 51] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 26]</p> <p>5. Oath and Declaration       <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:       <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Continuation</li> <li><input type="checkbox"/> Divisional</li> <li><input type="checkbox"/> Continuation-in-Part (CIP)</li> </ul>       of prior application No.: _____  <i>Prior application information:</i> _____ Examiner _____ Group/Art Unit: _____     </p>		
<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> </p>		

**ACCOMPANYING APPLICATION PARTS**

- 9.  Assignment Papers (cover sheet & document(s))
- 10.  37 CFR 3.73(b) Statement  Power of Attorney *(when there is an assignee)*
- 11.  English Translation Document *(if applicable)*
- 12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
- 13.  Preliminary Amendment
- 14.  Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
- 15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
- 16.  Other: Check for \$1,042.00

18. CORRESPONDENCE ADDRESS

Customer Number of Bar Code Label **23,640** or  Correspondence address below

Name	Claude E. Cooke, Jr.			
Address	One Shell Plaza			
	910 Louisiana			
City	Houston	State	TX	Zip Code
County	US	Telephone	713-229-1848	Fax

Name (Print/Type)	Claude E. Cooke, Jr.	Registration No. (Attorney/Agent)	34,142
Signature			
	Date 5-30-01		

HOU03:777256.1

Burden Hour Statement: This form is estimated to take 0.2 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

JC978 U.S. PRO  
09/070144JC978 U.S. PRO  
05/30/01

Under the Paperwork Reduction Act of 1995, no persons are re-

**Complete if Known**

05398 / U.S. PTO

## **FEE TRANSMITTAL for FY 2001**

*Patent fees are subject to annual revision.*

978 U.S. PRO  
0978787144

**TOTAL AMOUNT OF PAYMENT**

METHOD OF PAYMENT					FEE CALCULATION (continued)																																																																																																																																																									
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number: 02-0383 Deposit Account Name:</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>					<p>3. ADDITIONAL FEES</p> <table> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to revive - unintentional</td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620</td> <td>Utility issue fee (or reissue)</td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td>Design issue fee</td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td>Plant issue fee</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Stmt</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355</td> <td>Request for Continued Examination (RCE)</td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> </tr> </tbody> </table>					Large Entity		Small Entity		Fee Description	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	390	216	195	Extension for reply within second month	117	890	217	445	Extension for reply within third month	118	1,390	218	695	Extension for reply within fourth month	128	1,890	228	945	Extension for reply within fifth month	119	310	219	155	Notice of Appeal	120	310	220	155	Filing a brief in support of an appeal	121	270	221	135	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,240	241	620	Petition to revive - unintentional	142	1,240	242	620	Utility issue fee (or reissue)	143	440	243	220	Design issue fee	144	600	244	300	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Petitions related to provisional applications	126	240	126	240	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	179	710	279	355	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application
Large Entity		Small Entity		Fee Description																																																																																																																																																										
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)																																																																																																																																																											
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																										
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																										
139	130	139	130	Non-English specification																																																																																																																																																										
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																										
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																										
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																										
115	110	215	55	Extension for reply within first month																																																																																																																																																										
116	390	216	195	Extension for reply within second month																																																																																																																																																										
117	890	217	445	Extension for reply within third month																																																																																																																																																										
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																										
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																										
119	310	219	155	Notice of Appeal																																																																																																																																																										
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																										
121	270	221	135	Request for oral hearing																																																																																																																																																										
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																										
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																										
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																										
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																										
143	440	243	220	Design issue fee																																																																																																																																																										
144	600	244	300	Plant issue fee																																																																																																																																																										
122	130	122	130	Petitions to the Commissioner																																																																																																																																																										
123	50	123	50	Petitions related to provisional applications																																																																																																																																																										
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																										
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																										
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																										
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																										
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																										
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																										
					<p>Fee Paid</p> <p>Other fee (specify)</p>																																																																																																																																																									
					<p>*Reduced by Basic Filing Fee Paid</p>																																																																																																																																																									
					<p>SUBTOTAL (3) \$</p>																																																																																																																																																									
<p>2. Payment Enclosed: <input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit Card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>																																																																																																																																																														
FEE CALCULATION																																																																																																																																																														
1. BASIC FILING FEE																																																																																																																																																														
Large Entity		Small Entity		Fee Description				Fee Paid																																																																																																																																																						
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)																																																																																																																																																											
101	710	201	355	Utility filing Fee				\$710.00																																																																																																																																																						
106	320	206	160	Design filing fee																																																																																																																																																										
107	490	207	245	Plant filing fee																																																																																																																																																										
108	710	208	355	Reissue filing fee																																																																																																																																																										
114	150	214	75	Provisional filing fee																																																																																																																																																										
<b>SUBTOTAL (1)</b>					<b>\$710.00</b>																																																																																																																																																									
2. EXTRA CLAIM FEES																																																																																																																																																														
					<table> <thead> <tr> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from below</th> <th colspan="2">Fee Paid</th> </tr> <tr> <th>Total Claims</th> <td>34 - 20** =</td> <td>14 x</td> <td>\$18.00</td> <td>=</td> <td>\$252.00</td> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td>4 - 3** =</td> <td>1 x</td> <td>\$80.00</td> <td>=</td> <td>\$ 80.00</td> </tr> <tr> <td>Multiple Dependent</td> <td colspan="3"></td> <td>=</td> <td></td> </tr> </tbody> </table>					Extra Claims		Fee from below		Fee Paid		Total Claims	34 - 20** =	14 x	\$18.00	=	\$252.00	Independent Claims	4 - 3** =	1 x	\$80.00	=	\$ 80.00	Multiple Dependent				=																																																																																																																														
Extra Claims		Fee from below		Fee Paid																																																																																																																																																										
Total Claims	34 - 20** =	14 x	\$18.00	=	\$252.00																																																																																																																																																									
Independent Claims	4 - 3** =	1 x	\$80.00	=	\$ 80.00																																																																																																																																																									
Multiple Dependent				=																																																																																																																																																										
Large Entity		Small Entity		Fee Description																																																																																																																																																										
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)																																																																																																																																																											
103	18	203	9	Claims in excess of 20																																																																																																																																																										
102	80	202	40	Independent Claims in excess of 3																																																																																																																																																										
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																										
109	80	209	40	** Reissue independent claims over original patent																																																																																																																																																										
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																										
<b>SUBTOTAL (2)</b>					<b>\$1,042.00</b>																																																																																																																																																									
<p>** or number previously paid, if greater; For Reissues, see above</p>																																																																																																																																																														

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

WOU103:777254.1

HOU03:77254.1  
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

Express Mail Label No.  
E1483884271US

The "Received" stamp of the Patent and Trademark Office imprinted hereon acknowledges the filing of:

~~TRADEMARK~~  
New Appl.; C.P.A.; Con; CIP.; Div.;  
Provisional; Converted Provisional.

(Specification, Claims, Abstract)

- Bibliographic Data Sheet
- Declaration/power of Attorney
- Assignment
- Verified Statement
- Formal Drawing
- Informal Drawings
- Amendment/Response

Total Pages

51

Total Pages

4

26

Mo. Extension of Time

Notice of Appeal

Appeal Brief

Issue Fee Transmittal

Check No. 139694 Amt.: 1,042.00

Check No. \_\_\_\_\_ Amt.: \_\_\_\_\_

Serial No. \_\_\_\_\_

Other \_\_\_\_\_

Name of Inventor(s):

Sevick-Muraca et al.

Title of Invention: Fraying of Light Scattering . . .

Client or Applicant:

Texas A&M University System

BB File No.:

017575 0L80

Mailed: 5/30/01

Certificate of Mailing  
Express Mail

Receipt No. EL483884271US

Certificate Of Mailing  
First Class Mail

Hand Delivered

Receipt Date & Serial No:

pro  
JC978 09/09/01  
S 0144  
JC978 09/09/01  
T 0144  
JC978 09/09/01  
O 0144  
JC978 09/09/01  
U 0144  
JC978 09/09/01  
V 0144  
JC978 09/09/01  
W 0144  
JC978 09/09/01  
X 0144  
JC978 09/09/01  
Y 0144  
JC978 09/09/01  
Z 0144

JC978 U.S. PTO

09/09/01 870144

05/30/01

## POST OFFICE TO ADDRESSEE



\*EL483884271US\*

EL483884271US

Customer Copy  
Label 11-F July 1997

SEE REVERSE SIDE FOR  
SERVICE GUARANTEE AND LIMITS  
ON INSURANCE COVERAGE

### ORIGIN (POSTAL USE ONLY)

PO ZIP Code <i>1122</i>	Day of Delivery <input type="checkbox"/> Next <input type="checkbox"/> Second	Flat Rate Envelope <input type="checkbox"/>
Date In <i>5/30/01</i>	Postage <input type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	\$ <i>6.00</i>
Time In <i>AM 10:00 PM 10:00</i>	Military <input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Return Receipt Fee
Weight <i>1 oz.</i>	Int'l Alpha Country Code	COD Fee
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials	Insurance Fee
Total Postage & Fees <i>\$ 6.00</i>		

### CUSTOMER USE ONLY

METHOD OF PAYMENT:  
Express Mail Corporate Acct. No. *00000000000000000000*

Federal Agency Acct. No. or  
Postal Service Acct. No. *00000000000000000000*

WAIVER OF SIGNATURE (Domestic Only): Additional merchandise insurance is void if waiver of signature is requested.  
I wish delivery to be made without obtaining signature of addressee or addressee's agent (if delivery employee judges  
that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of  
delivery.

NO DELIVERY  Weekend  Holiday

Customer Signature

FROM: (PLEASE PRINT)

PHONE ( )

*r Claude Cooke  
BAKER DOTT'S LLP  
1 SHELL PLAZA  
910 LOUISIANA  
HOUSTON  
TX 77002-4995*

017575.0680

TO: (PLEASE PRINT)

PHONE ( )

*BOX PATENT APPLICATION  
ASSISTANT COMMISSIONER  
FOR PATENTS & TRADEMARKS  
WASHINGTON DC 20231-0001*

PRESS HARD.

You are making 3 copies.

FOR PICKUP OR TRACKING CALL 1-800-222-1811

[www.usps.gov](http://www.usps.gov)

